Author Index

Allen, T.M., Hansen, C.B. and Guo, L.S.S.
Subcutaneous administration of liposomes: a comparison with the intravenous and intraperitoneal routes of injection (1150) 9
Almeida, L.M., see Custódio, J.B.A. (1150) 123
Antonenko, Y.N., Kovbasnjuk, O.N. and Yaguzhinsky, L.S.
Evidence in favor of the existence of a kinetic barrier for proton transfer from a surface of bilayer phospholipid membrane to bulk water (1150) 45

Bauernschmitt, H.G. and Kinne, R.K.H.
Metabolism of the 'organic osmolyte' glycerophosphorylcholine in isolated rat inner medullary collecting duct cells. II. Regulation by extracellular osmolality (1150) 25
Béliveau, R., see Jetté, L. (1150) 147
Benz, R., see Bürner, H. (1150) 165
Brekkan, E., see Lu, L. (1150) 135
Bulus, N.M., see Honda, T. (1150) 199
Bürner, H., Benz, R., Gimmler, H., Hartung, W. and Stillwell, W.
Abscisic acid–lipid interactions: a phospholipid monolayer study (1150) 165
Butler, D.H. and McNamee, M.G.
FTIR analysis of nicotinic acetylcholine receptor secondary structure in reconstituted membranes (1150) 17

Chang, F., Swartzendruber, D.C., Wertz, P.W. and Squier, C.A.
Covalently bound lipids in keratinizing epithelia (1150) 98
Chen, Z. and Menon, K.M.J.
Identification of a scavenger receptor in rat luteal cells which recognizes chemically modified lipoproteins and mediates the uptake of cholesterol for steroidogenesis (1150) 79
Custódio, J.B.A., Almeida, L.M. and Madeira, V.M.C.
The anticancer drug tamoxifen induces changes in the physical properties of model and native membranes (1150) 123

Daleke, D.L., see Truong, H.-T.N. (1150) 51
Daleke, D.L., see Truong, H.-T.N. (1150) 57
Deicher, M., see Schubert, R. (1150) 162

Fromherz, P. and Müller, C.O.
Voltage-sensitive fluorescence of amphiphilic hemicyanine dyes in neuron membrane (1150) 111

Gaymard, F., Thibaud, J.-B., Touraine, B., Simon-Plas, F., Grouzis, J.-P., Gibrat, R., Sentenac, H. and Grignon, C.
A test for screening monoclonal antibodies to membrane proteins based on their ability to inhibit protein reconstitution into vesicles (1150) 73
Ghishan, F.K., see Honda, T. (1150) 199
Gibrat, R., see Gaymard, F. (1150) 73
Gimmler, H., see Bürner, H. (1150) 165
Gomez-Fernandez, J.C., see Lieckfeldt, R. (1150) 182
Grignon, C., see Gaymard, F. (1150) 73
Grouzis, J.-P., see Gaymard, F. (1150) 73
Guo, L.S.S., see Allen, T.M. (1150) 9

Haneskog, L., see Lu, L. (1150) 135
Hansen, C.B., see Allen, T.M. (1150) 9
Hartung, W., see Bürner, H. (1150) 165
Honda, T., Knobel, S.M., Bulus, N.M. and Ghishan, F.K.
Kinetic characterization of a stably expressed novel Na^+/H^+ exchanger (NHE-2) (1150) 199
Hori, R., see Maeda, S. (1150) 103
Huestis, W.H., see Truong, H.-T.N. (1150) 51
Huestis, W.H., see Truong, H.-T.N. (1150) 57

Imanishi, Y., see Otoda, K. (1150) 1
Inui, K.-i., see Maeda, S. (1150) 103

Jetté, L., Têtu, B. and Béliveau, R.
High levels of P-glycoprotein detected in isolated brain capillaries (1150) 147
Joos, M., see Schubert, R. (1150) 162

Kimura, S., see Otoda, K. (1150) 1
Kinne, R.K.H., see Bauernschmitt, H.G. (1150) 25
Knobel, S.M., see Honda, T. (1150) 199
Kolesnikov, S.S. and Kosolapov, A.V.
Cyclic nucleotide-activated channels in carp olfactory receptor cells (1150) 63
Kosolapov, A.V., see Kolesnikov, S.S. (1150) 63
Kovbasnjuk, O.N., see Antonenko, Y.N. (1150) 45
Kuchel, P.W., see Xu, A.S.L. (1150) 35

Lasch, J., see Schubert, R. (1150) 162
Lee, G., see Lieckfeldt, R. (1150) 182
Lieckfeldt, R., Villalain, J., Gomez-Fernandez, J.C. and Lee, G.
Diffusivity and structural polymorphism in some model stratum corneum lipid systems (1150) 182
Lu, L., Brekkan, E., Haneskog, L., Yang, Q. and Lundahl, P.
Effects of pH on the activity of the human red cell glucose transporter Glut 1: transport retention chromatography of D-glucose and L-glucose on immobilized Glut 1 liposomes (1150) 135
Lundahl, P., see Lu, L. (1150) 135

Madeira, V.M.C., see Custódio, J.B.A. (1150) 123
Maeda, S., Takano, M., Okano, T., Ohoka, K., Inui, K.-i. and Hori, R.
Transport of organic cation in renal brush-border membrane from rats with renal ischemic injury (1150) 103
Magerle, R., see Schubert, R. (1150) 162
Markowska, E., see Subczynski, W.K. (1150) 173
Marsh, D., see Snel, M.M.E. (1150) 155
McNamee, M.G., see Butler, D.H. (1150) 17
Menon, K.M.J., see Chen, Z. (1150) 79
Merkel, R., see Pink, D.A. (1150) 189
Müller, C.O., see Fromherz, P. (1150) 111

Ohoka, K., see Maeda, S. (1150) 103
Okano, T., see Maeda, S. (1150) 103

Otoda, K., Kimura, S. and Imanishi, Y.
Orientation and aggregation of hydrophobic helical peptides in phospholipid bilayer membrane (1150) 1

Pencer, J., see Pink, D.A. (1150) 189
Pink, D.A., Merkel, R., Quinn, B., Sackmann, E. and Pencer, J.
Intersecting polymers in lipid bilayers: cliques, static order parameters and lateral diffusion (1150) 189
Price, J. and Verner, K.
Puromycin inhibits protein import into mitochondria by interfering with an intramitochondrial ATP-dependent reaction (1150) 89

Quinn, B., see Pink, D.A. (1150) 189

Sackmann, E., see Pink, D.A. (1150) 189
Sandermann, Jr., H.
Induction of lipid-protein mismatch by xenobiotics with general membrane targets (1150) 130
Schubert, R., Joos, M., Deicher, M., Magerle, R. and Lasch, J.
Destabilization of egg lecithin liposomes on the skin after topical application measured by perturbed $\gamma\gamma$ angular correlation spectroscopy (PAC) with ^{111}In (1150) 162
Sentenac, H., see Gaymard, F. (1150) 73
Sielewiesiuk, J., see Subczynski, W.K. (1150) 173
Simon-Plas, F., see Gaymard, F. (1150) 73
Snel, M.M.E. and Marsh, D.
Accessibility of spin-labeled phospholipids in anionic and zwitterionic bilayer membranes to paramagnetic relaxation agents. Continuous wave power saturation EPR studies (1150) 155
Squier, C.A., see Chang, F. (1150) 98
Stillwell, W., see Bürner, H. (1150) 165
Subczynski, W.K., Markowska, E. and Sielewiesiuk, J.
Spin-label studies on phosphatidylcholine-polar carotenoid membranes: effects of alkyl-chain length and unsaturation (1150) 173
Swartzendruber, D.C., see Chang, F. (1150) 98

Takano, M., see Maeda, S. (1150) 103
Têtu, B., see Jetté, L. (1150) 147
Thibaud, J.-B., see Gaymard, F. (1150) 73
Touraine, B., see Gaymard, F. (1150) 73
Truong, H.-T.N., Daleke, D.L. and Huestis, W.H.
Dithiothreitol stimulates the activity of the plasma membrane aminophospholipid translocator (1150) 57
Truong, H.-T.N., Daleke, D.L. and Huestis, W.H.
Human erythrocyte shape regulation: interaction of metabolic and redox status (1150) 51

Verner, K., see Price, J. (1150) 89
Villalain, J., see Lieckfeldt, R. (1150) 182

Wertz, P.W., see Chang, F. (1150) 98

Xu, A.S.L. and Kuchel, P.W.
Characterisation of erythrocyte transmembrane exchange of trifluoroacetate using ^{19}F-NMR: evidence for transport via the monocarboxylate transporter (1150) 35

Yaguzhinsky, L.S., see Antonenko, Y.N. (1150) 45
Yang, Q., see Lu, L. (1150) 135